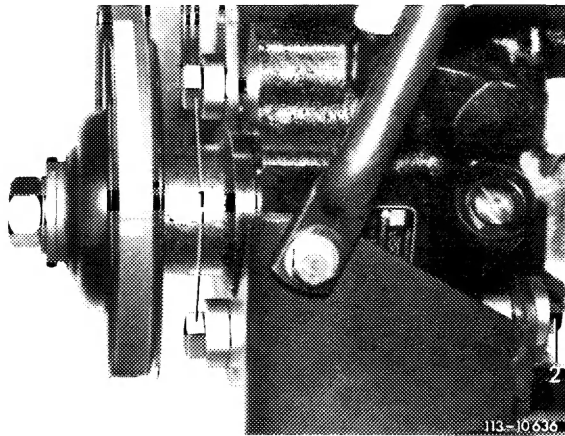


V-belt B Refrigerant Compressor

- Loosen fastening screw (1).
- Tension V-belt by swivelling tensioning roller (2).
- Tighten fastening screw.



V-belt C Power Steering Pump

- Loosen fastening screws (1) on face and (2) at rear of power steering pump.
- Apply lever to push power steering pump outwards, then tighten fastening screws again.

Engine 616 617 in model 123
Starting model year 1977

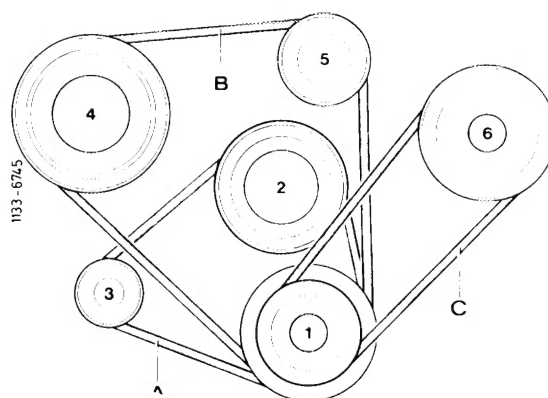
1st version

V-belt	Layout	Deflection in mm at 60 N (6 kp) load
A	Alternator — water pump	approx. 10
B	Refrigerant compressor	
C	Power steering pump	

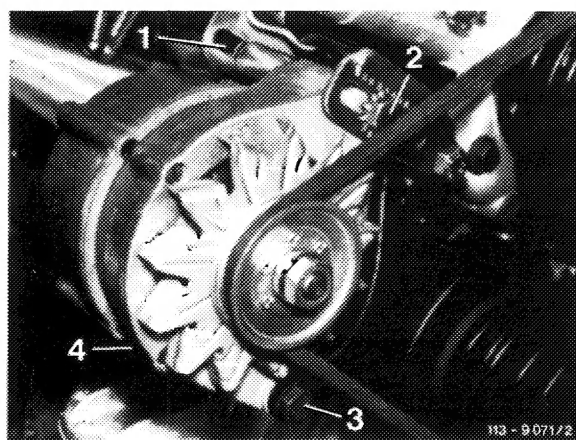
Note

The V-belts are tensioned correctly if they just yield elastically to strong thumb pressure.

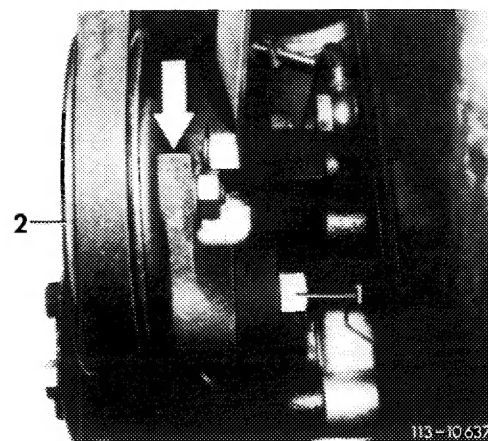
- | | |
|--------------|--------------------------|
| 1 Crankshaft | 4 Refrigerant compressor |
| 2 Water pump | 5 Tensioning roller |
| 3 Alternator | 6 Power steering pump |

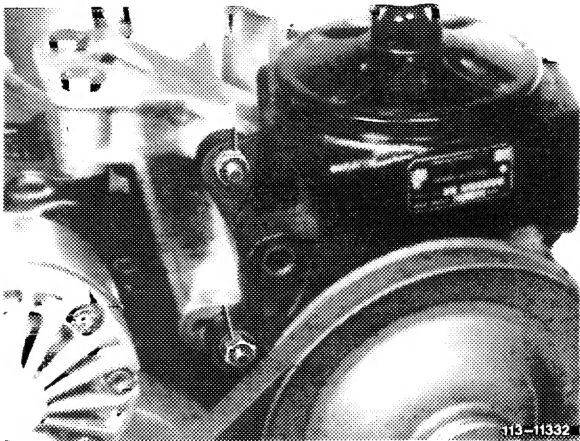
**V-belt A Alternator — Water Pump**

- Loosen nut (4) of fastening screw (3) and nut (1) of tensioning screw (2).
- Tension V-belt with tensioning screw (2) and tighten nut (1).
- Tighten nut (4) of fastening screw (3).

**V-belt B Refrigerant Compressor**

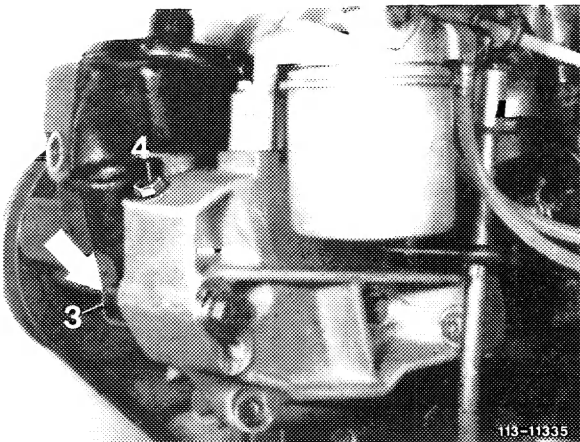
- Loosen fastening screw (1).
- Tension V-belt by swivelling tensioning roller (2).
- Tighten fastening screw.





V-belt C Power Steering Pump

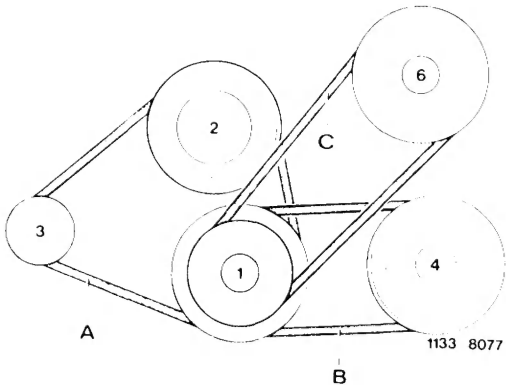
- Loosen nuts (1, 2 and 3, arrow).



- Tension V-belt with tensioning screw (4).
- Tighten nuts (1, 2 and 3).

**Retightening V-belts
2nd version**

V-belt	Layout	Deflection in mm 60 N (6 kp) load
A	Alternator — Water pump	approx. 10
B	Refrigerant compressor	" 5
C	Power steering pump	" 10



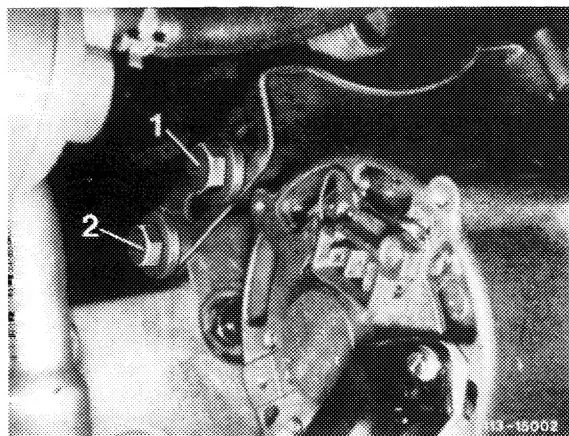
Note:

The V-belts are tensioned correctly if they just yield elastically to strong thumb pressure.

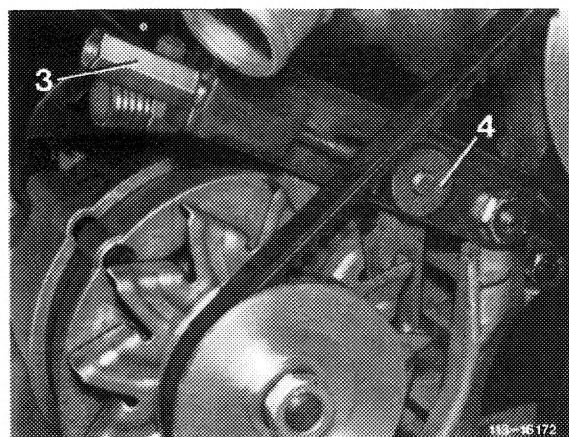
- 1 Crankshaft
- 2 Water pump
- 3 Alternator
- 4 Refrigerant compressor
- 6 Power steering pump

V-belt A Alternator — Water pump

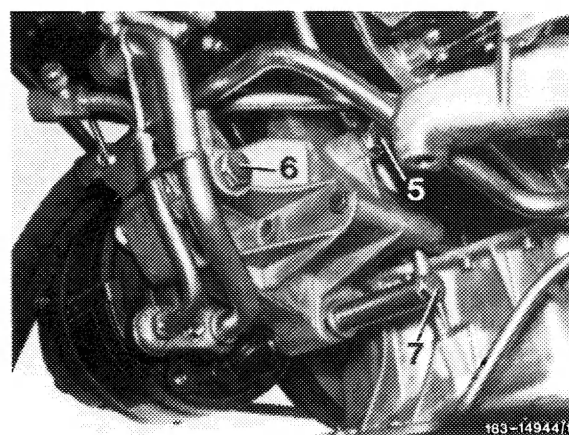
- Loosen bolt (1)

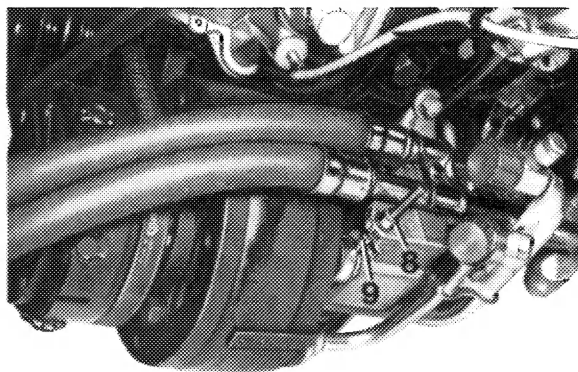


- Tension V-belt, using nut (3) of tensioning screw (4).
- Tighten bolt (1).

**V-belt B Refrigerant compressor**

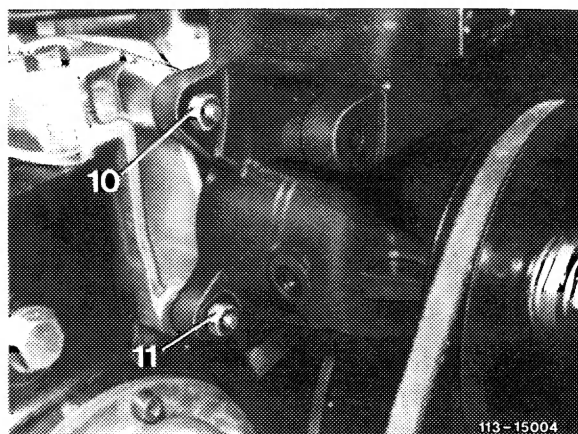
- Loosen bolts (5, 6 and 7).





183-14945/1

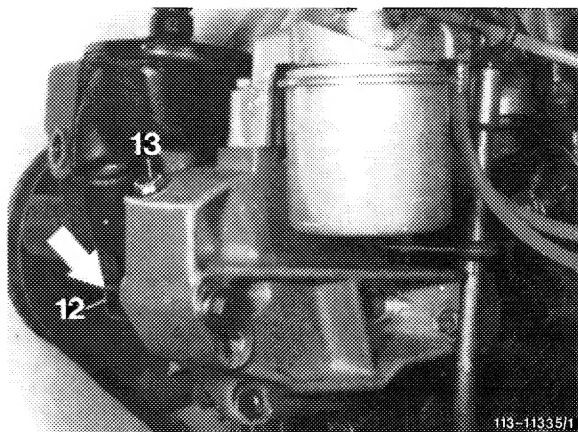
- Tension V-belt with nut (8) of tensioning screw (9).
- Tighten bolts (5, 6 and 7).



113-15004

V-belt C Power steering pump

- Loosen nuts (10, 11 and 12).



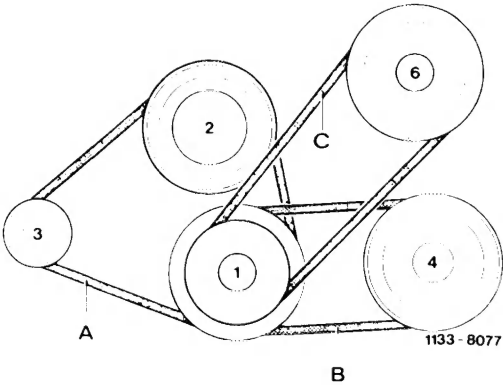
113-11335/1

- Tension V-belt with tensioning screw (13).
- Tighten nuts (10, 11 and 12).

Revision: On V-belts A alternator—water pump
after tensioning belt tighten nut of tensioning screw.

Engines 616 617
in model 123 2nd version
starting February 1979

V-belts	Layout	Adjusting value (KG scale on measuring device)
A	Alternator — Water pump	
B	Refrigerant compressor	40–45
C	Power steering pump	



- 1 Crankshaft
- 2 Water pump
- 3 Alternator
- 4 Refrigerant compressor
- 5 Power steering pump
- 6 Refrigerant compressor

Conventional tool

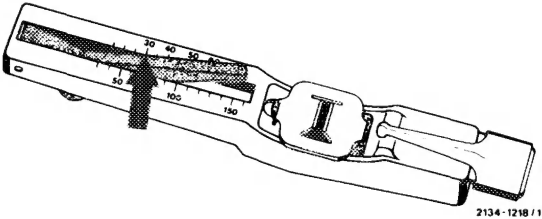
Measuring instrument (Krikit)

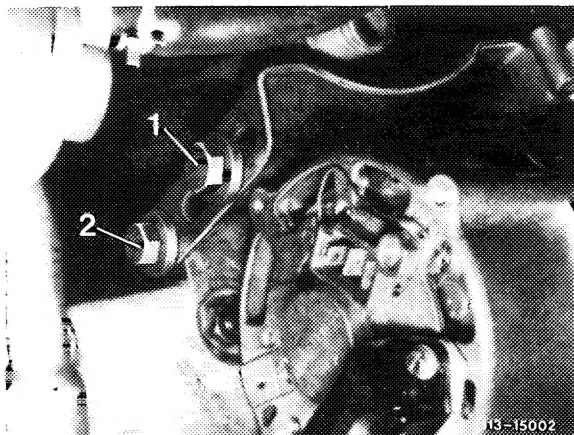
e.g. made by Gates Rubber Company
999 S. Broadway, USA-80217 Denver/Colorado

Note

For handling of measuring device refer to operating instructions.

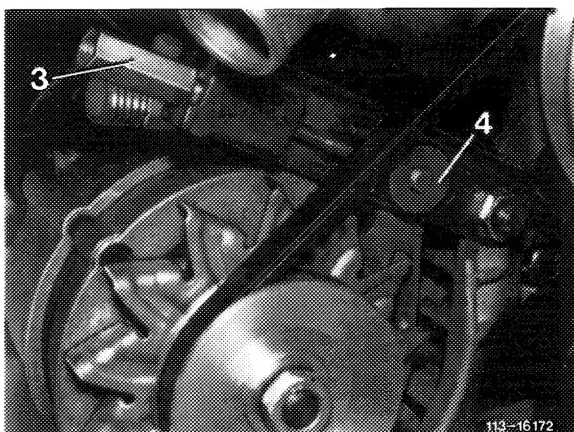
The specified adjusting values refer to KG scale of measuring device (arrow).



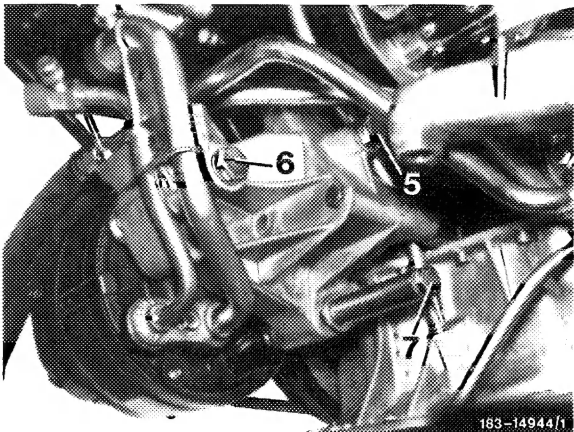


V-belt A Alternator — Water pump

- Loosen screw (1).

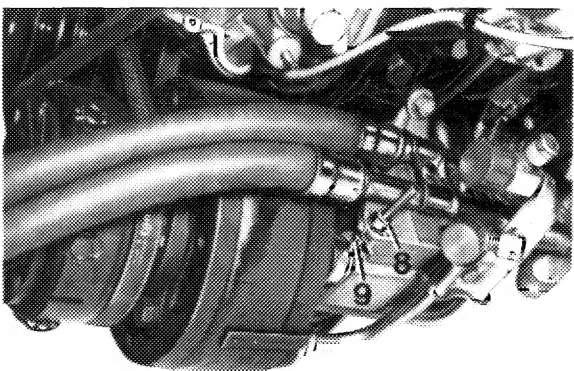


- Tension V-belt with nut (3) of tensioning screw (4).
- Tighten screw (1).
- Keep turning nut (3) for approx. 1/4 to 1/2 turn (for tight seat).



V-belt B Refrigerant compressor

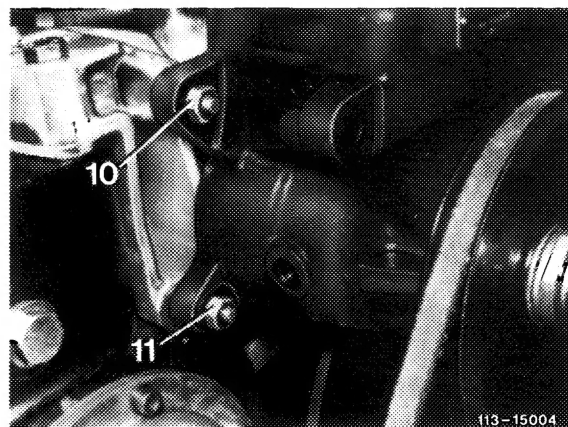
- Loosen screws (5, 6 and 7).



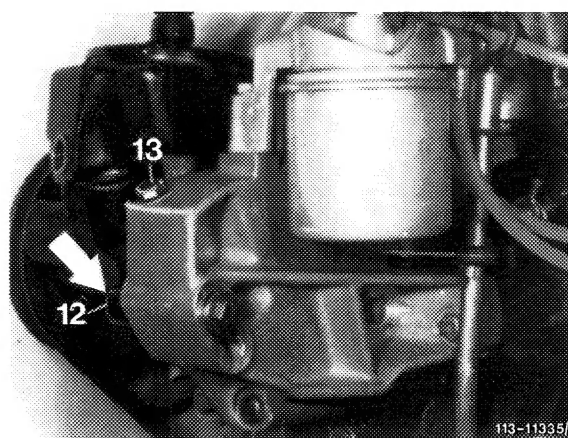
- Tension V-belt with nut (8) of tensioning screw (9).
- Tighten screws (5, 6 and 7).

V-belt C Power steering pump

- Loosen nuts (10, 11 and 12).



- Tension V-belt with tensioning screw (13).
- Tighten nuts (10, 11 and 12).



Revision: On V-belts A alternator—water pump
after tensioning belt tighten nut of tensioning screw.

Engine 617.950 **USA** starting 1978
in model 116.120

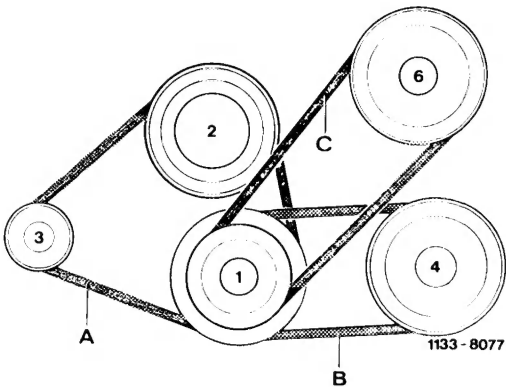
V-belts	Layout	Adjusting value (KG scale on measuring device)
A	Alternator — Water pump	20–25
B	Refrigerant compressor	40–45
C	Power steering pump	

- 1 Crankshaft

2 Water pump

3 Alternator
- 4 Refrigerant compressor

6 Power steering pump



Conventional tool

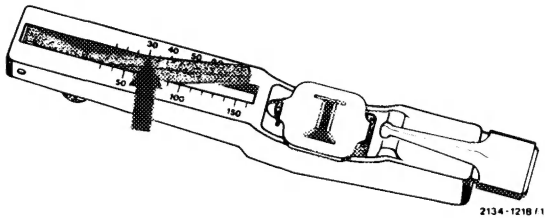
Measuring instrument (Krikit)

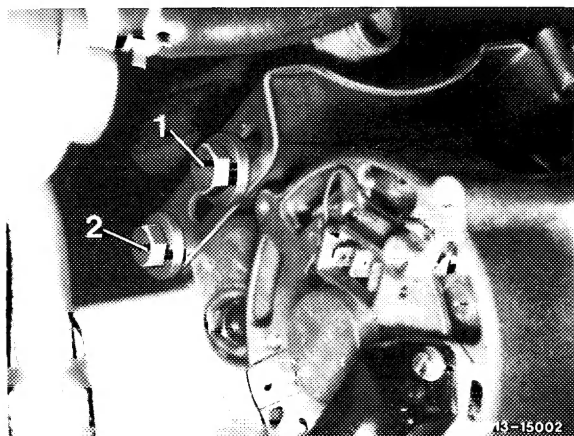
e.g. made by Gates Rubber Company
999 S. Broadway, USA-80217 Denver/Colorado

Note

For handling of measuring device refer to operating instructions.

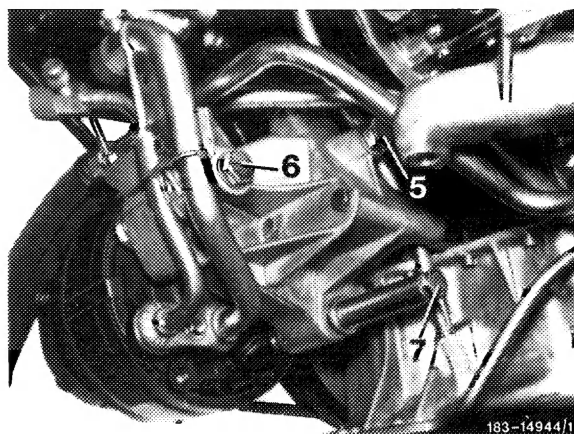
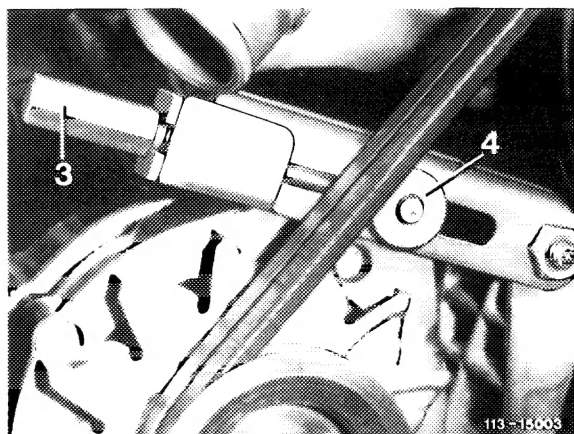
The specified adjusting values refer to KG scale of measuring device (arrow).





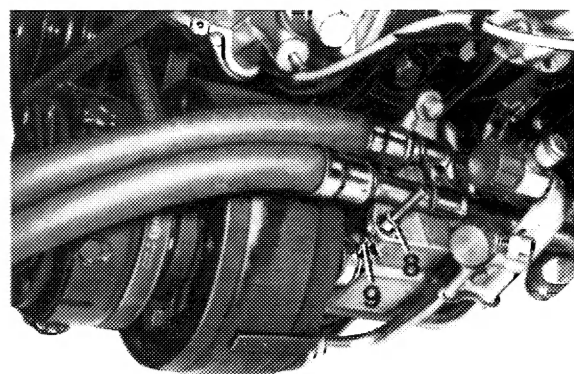
V-belt A Alternator — Water pump

- Loosen screw (1).
- Tension V-belt with nut (3) of tensioning screw (4).
- Tighten screw (1).
- Keep turning nut (3) for approx. 1/4 to 1/2 turn (for tight seat).



V-belt B Refrigerant compressor

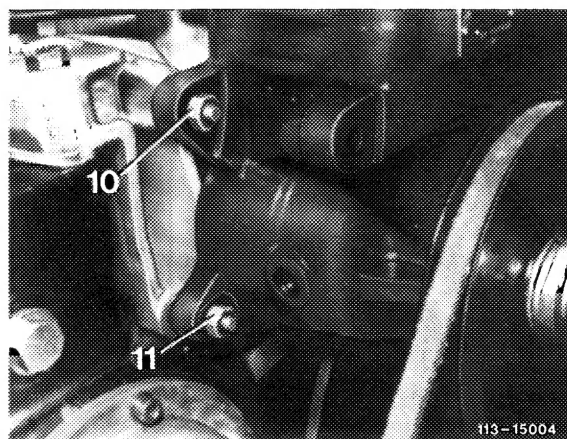
- Loosen screws (5, 6 and 7).
- Tension V-belt with nut (8) of tensioning screw (9).
- Tighten screws (5, 6 and 7).



183-14945/1

V-belt C Power steering pump

- Loosen nuts (10, 11 and 12).



- Tension V-belt with tensioning screw (13).
- Tighten nuts (10, 11 and 12).

